

FIG. 1

BLOCK DIAGRAM OF CUMULOUS RECEIVE/TRANSMIT TELEMETY UNIT WITH RADIO

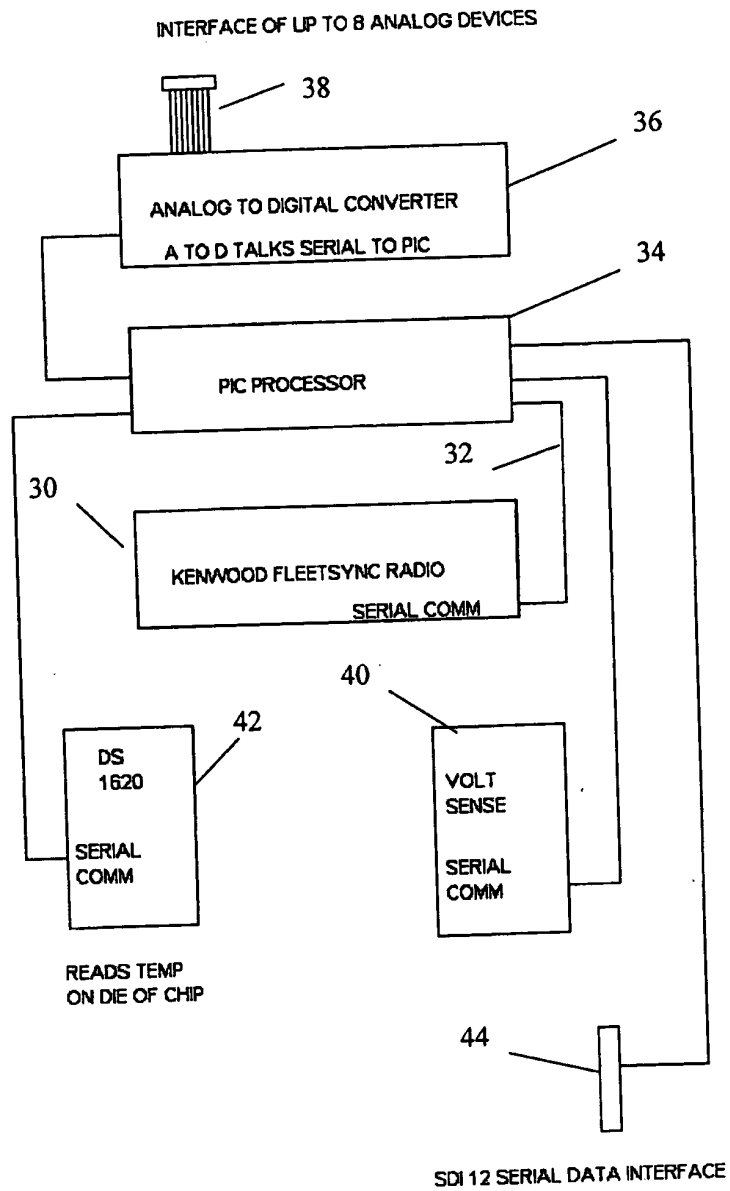


FIG. 2

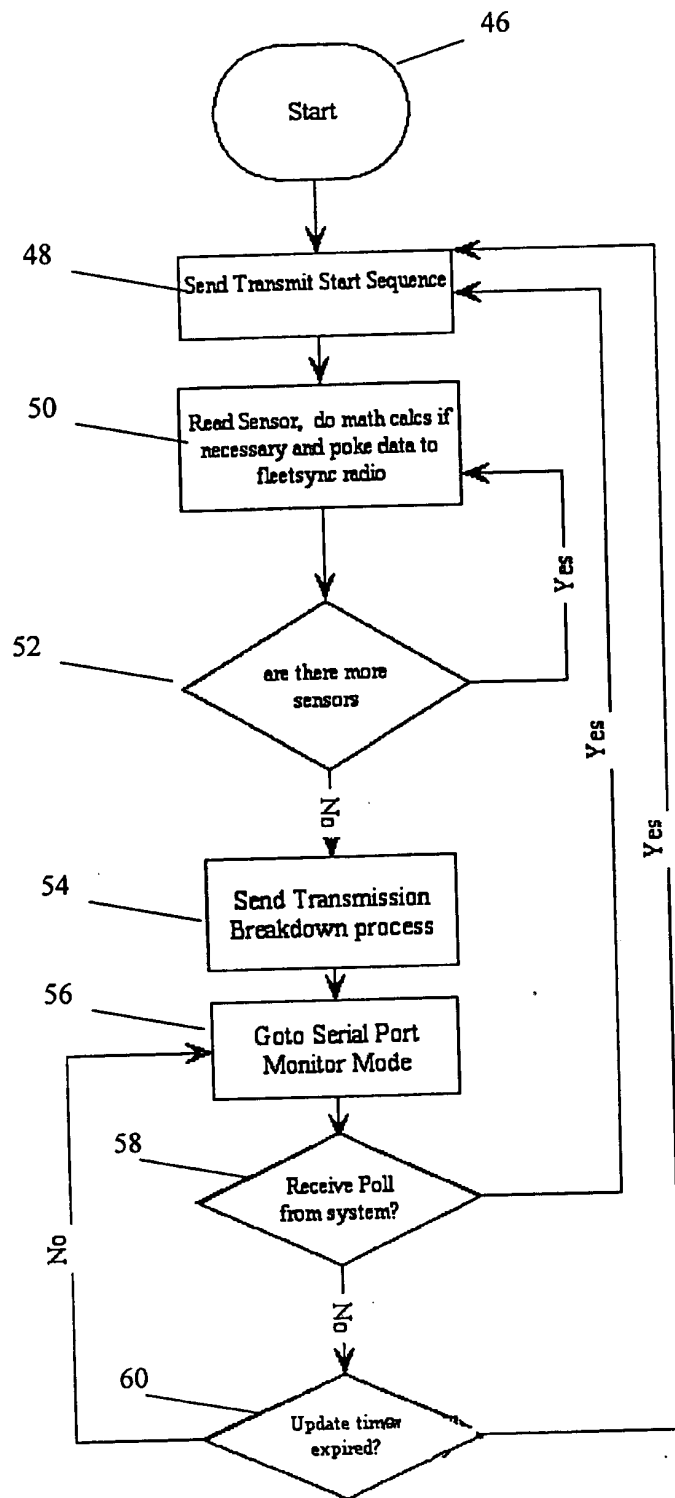


FIG. 3

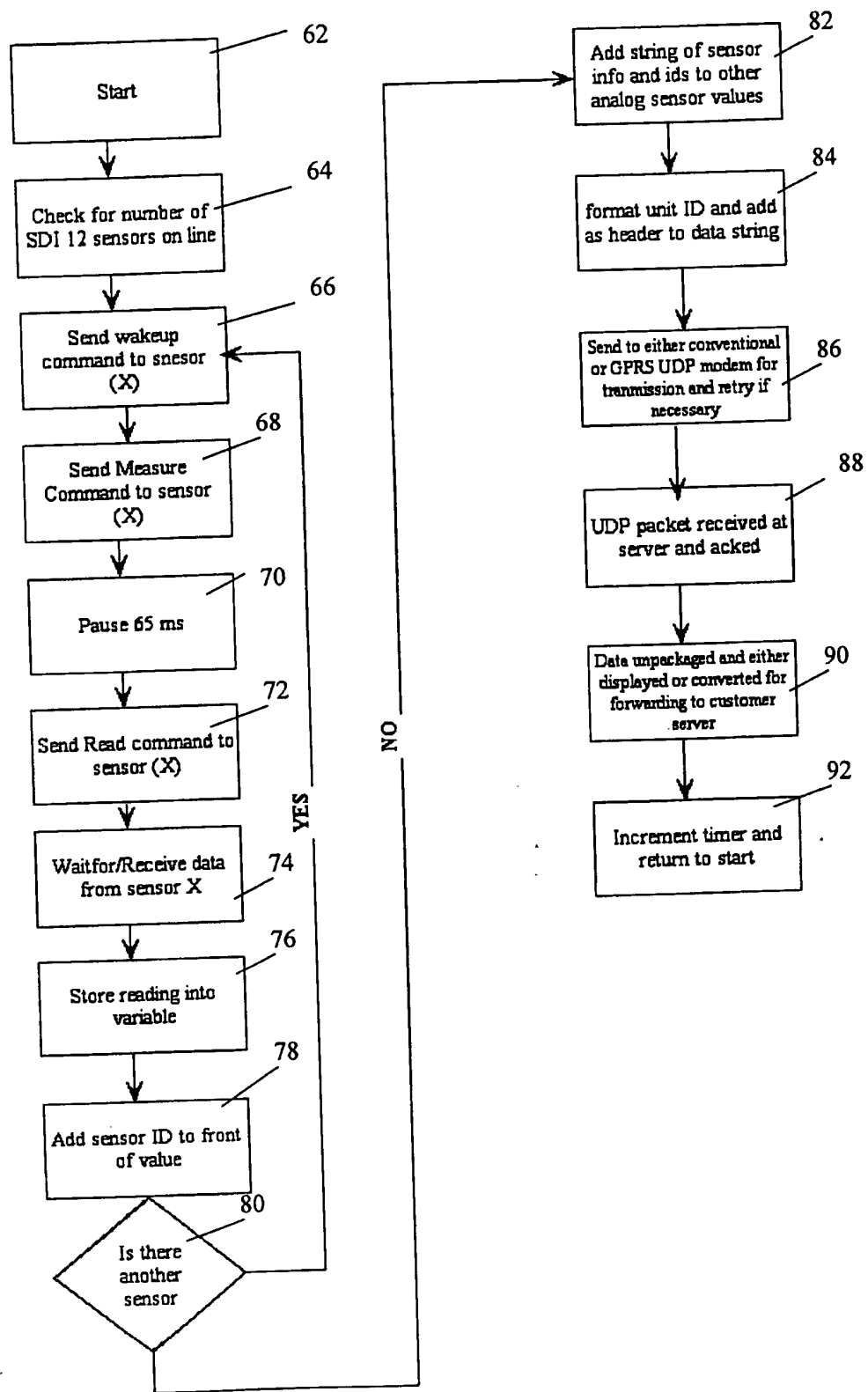


FIG. 4

CUSTOMER LIST

<u>Customer Name</u>	<u>Account No.</u>
Company A	000001
Company B	000002
Company C	000003
Company D	000004
Company E	000005
Company E	000006

FIG. 5

Create Customer Account

Account Number	000001	
Company Name	Company A	98
Company Site ID	102	100
Enabled/Disabled?	Enabled	
Address #1	1223 Main Street	*
Address #2		
City	Anyw here	*
State	California	*
Zip	90210	*
Phone #1	777-555-1212	*
Phone #2		
Fax	777-555-1213	*
URL of Company Logo	http://www.companya/companya.gif	108
Comments:		110
<div>Save</div>		

FIG. 6

I. ACCOUNT SUMMARY

Company A

Account # 000001

[Edit Company Information](#) | [Edit Current User](#) | [User List](#) | [Add New User](#) | [Invoices](#) | [Log Out](#)

II. UNIT MEASUREMENT SUMMARY INFORMATION

Unit ID or Name [sort]	Location [sort]	Element Measured [sort]	Last Updated	Level**	Alarm Level	Details	View History*	Edit
11A1 / C Probe / 4 Inch.	Homeland-14S Alfalfa Linear C-Probe	Moisture	9/23/2003 1:15:57 PM	60.12	Disabled	GO!	1 Day	GO!
11A2 / C Probe / 8 Inch.	Homeland-14S Alfalfa Linear C-Probe	Moisture	9/23/2003 1:15:57 PM	80.63	Disabled	GO!	1 Day	GO!
11A3 / C Probe / 12 Inch.	Homeland-14S Alfalfa Linear C-Probe	Moisture	9/23/2003 1:15:57 PM	79.23	Disabled	GO!	1 Day	GO!
11A4 / C Probe / 16 Inch.	Homeland-14S Alfalfa Linear C-Probe	Moisture	9/23/2003 1:15:57 PM	76.69	Disabled	GO!	1 Day	GO!
11A5 / C Probe / 24 Inch	Homeland-14S Alfalfa Linear C-Probe	Moisture	9/23/2003 1:15:57 PM	67.58	Disabled	GO!	1 Day	GO!
11T1 / Enclosure Temperature	Homeland-14S Alfalfa Linear C-Probe	Temperature	9/23/2003 1:15:57 PM	49°C	50°C	GO!	1 Day	GO!
11V1 / Battery Voltage	Homeland-14S Alfalfa Linear C-Probe	Voltage	9/23/2003 1:15:57 PM	13.5 Volts	11.25 Volts	GO!	1 Day	GO!

112

[Add New Unit](#) | [View Disabled Only](#) | [View in MS Excel*](#) | [Refresh Page](#)

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FIG. 7

1. UNIT DETAIL INFORMATION

Device ID	138	V1	10 Most Recent Readings For This Unit		
Radio ID	140	1001011	<u>Last Updated</u>	<u>Unit Level**</u>	
Unit ID or Name	142	11V1 / Battery Voltage	9/23/2003 1:30:32 PM	13.5 Volts	
Location	144	Homeland-14S Alfalfa Linear C-Probe	9/23/2003 1:15:57 PM	13.5 Volts	
Address	146		9/23/2003 1:01:22 PM	14.2 Volts	
	148	, CA	9/23/2003 12:46:48 PM	14 Volts	
Coordinates	150	N35.92697 W119.55807	9/23/2003 12:32:13 PM	13.5 Volts	
Element Measured		Voltage	9/23/2003 12:17:38 PM	13.5 Volts	
Capacity of Element	152	15 Volts	9/23/2003 12:03:04 PM	13.5 Volts	
Low-end Adjust	154	15 Volts	9/23/2003 11:48:29 AM	13.5 Volts	
Alarm Setting	156	Equal to or below 11.25 Volts	9/23/2003 11:33:54 AM	13.5 Volts	
Inactivity Alarm Setting		1 Day with no activity.	9/23/2003 11:19:19 AM	13.5 Volts	
Monthly Fee for this Unit		\$20			

Comments:

**Unit levels shown in red are at or below this unit's designated alarm level.

FIG. 8

I. EDIT UNIT INFORMATION

* = Required Field

Device ID	V1 *	138
Radio ID	1001011 *	140
Customer Radio ID	25211 *	158
Unit ID or Name	11V1 / Battery Voltage	142
Location	Homeland-14S Alfalfa Linear C-Probe *	144
Address		
City		160
State	California	
Zip Code		
Coordinates	N35.92697 W119.55807	148
Element Measured	Voltage *	150
Unit of Measure for Element	Battery Voltage *	150
Capacity of Element	15	152
Low-end Adjustment (Cannot exceed capacity of element)	0	164
Reading at Minimum	0 *	166
Reading at Maximum	15 *	168
Alarm Setting	75% *	156
Alarm Triggered When Measurement is Equal To or	<input checked="" type="checkbox"/> Above Setting <input type="checkbox"/> Below Setting	170
Inactivity Alarm Setting	1 * day(s) with no reported activity (0-365. 0 = Disabled)	172
Is This Unit Enabled?	Yes *	174
Comments:		144

Save Unit

FIG. 9